

Converting Colors

CIELCh(59, 44.727, 125.931)

Have a look what the booklet for
CIELCh(59, 44.727, 125.931)
contains.

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Color

CIELCh(59, 44.719, 126.094)

Conversions

Conversions Part 1

Format	Color
Hex	74994C
RGB	116, 153, 76
RGB Percent	45%, 60%, 30%
CMY	0.5450, 0.3999, 0.7019
CMYK	0.24, 0.00, 0.50, 0.40
HSL	89°, 34%, 45%
HSV	89°, 50%, 60%
XYZ	19.9066, 27.0277, 11.0095
YIQ	133.1590, 2.6650, -31.7910

Conversions

Conversions Part 2

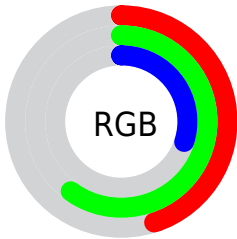
Format	Color
R_{YB}	76, 153, 113
Decimal	7641420
CIE _{Lab}	59.00, -26.34, 36.14
CIE _{LCh}	59, 44.719, 126.094
Yxy	27.0277, 0.3435, 0.4664
Android (android.graphics.Color)	4285831500 (0xFF74994C)
YUV	133.1590, -28.1794, -15.0484
Hunter-Lab	51.9882, -22.6307, 23.8359

Details

The CIELCh color $59, 44.719, 126.094$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $40, 48.268, 310.964$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 44.778, 126.130$, and $39, 44.700, 126.310$ is the 20% darker color. If you saturate the color by 10%, you get $58, 52.739, 125.766$, and if you desaturate by 10%, it is $60, 36.197, 126.523$.

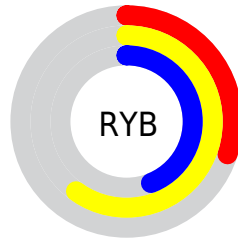
Distribution



Red (45%)

Green (60%)

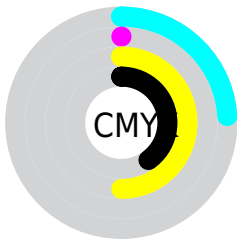
Blue (30%)



Red (30%)

Yellow (60%)

Blue (44%)

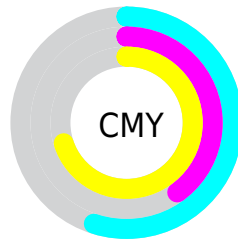


Cyan (24%)

Magenta (0%)

Yellow (50%)

Black (40%)



Cyan (55%)

Magenta (40%)

Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 44.719, 126.094 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 59, 44.719, 126.094 by changing the saturation by 10% instead.

 59, 44.719,
126.094

 59, 44.719,
126.094

 100, 44.719,
126.094

 49, 44.719,
126.094

 79, 44.719,
126.094


 39, 44.719,
126.094

 89, 44.719,
126.094

 29, 44.719,
126.094

 99, 44.719,
126.094

 19, 44.719,
126.094

 9, 44.719, 126.094

 0, 44.719, 126.094

■ 59, 44.719,
126.094

■ 59, 44.719,
126.094

■ 58, 52.739,
125.766

■ 60, 36.197,
126.523

■ 58, 59.974,
125.619

■ 60, 27.372,
126.994

■ 57, 66.067,
125.762

■ 61, 18.384,
127.474

■ 57, 70.657,
126.314

■ 62, 9.331, 127.943

■ 57, 73.877,
127.144

■ 63, 0.280, 128.699

■ 64, 8.719, 308.770

■ 65, 17.632,
309.148

■ 67, 26.434,
309.489

■ 68, 35.107,
309.796

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59, 44.719, 126.094



40, 48.268, 310.964

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59, 44.719, 126.094



59, 44.719, 176.094



59, 44.719, 306.094



59, 44.719, 356.094

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59, 44.720, 126.095



78, 16.805, 127.711



51, 28.781, 65.916



41, 11.436, 127.621



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 44.720, 126.095



74, 64.840, 125.745



57, 51.538, 139.780



32, 5.108, 127.994



52, 69.238, 127.017



3, 5.539, 128.692

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



40, 48.268, 310.964



46, 71.311, 311.511



44, 51.439, 325.999



30, 5.179, 308.785



20, 80.115, 311.715



1, 5.520, 308.099

Previews

White Background



This preview shows how the CIELCh color 59, 44.719, 126.094 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 59, 44.719, 126.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 44.719, 126.094

Background



This preview shows how black text looks on a background with the CIELCh color 59, 44.719, 126.094.



This preview shows how white text looks on a background with the CIELCh color 59, 44.719, 126.094.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

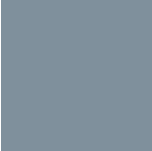
Dichromacy



Original Color
59, 44.719, 126.094

Protanopia
59, 38.998, 96.263

Deuteranopia
59, 35.258, 77.153



Tritanopia
59, 9.065, 247.871

Trichromacy



Original Color
59, 44.719, 126.094

Protanomaly
59, 39.857, 108.766

Deuteranomaly
59, 35.126, 98.727

Tritanomaly
59, 14.813, 148.345

Monochromacy



Original Color
59, 44.719, 126.094

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 16.763, 126.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 44.719, 126.094 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(116, 153, 76)` looks like.

```
.text, #text, p{  
    color:rgb(116, 153, 76)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(116, 153, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 153, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 44.719, 126.094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 153, 76) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(116, 153, 76) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(116, 153, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 153, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 153, 76);  
box-shadow:4px 4px 4px 4px rgb(116, 153,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 44.719, 126.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 153, 76) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(116,  
153, 76) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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